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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 10/015,951 | 12/17/2001 | Mark J. Stefik | 111325-88 | 5128 |
| 22204 | 7590 | 05/24/2006 | EXAMINER | |
| NIXON PEABODY, LLP 401 9TH STREET, NW SUITE 900 WASHINGTON, DC 20004-2128 | | | REAGAN, JAMES A | |
| | | | ART UNIT | PAPER NUMBER |
| | | | 3621 | |

DATE MAILED: 05/24/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/015,951

Applicant(s)

STEFIK ET AL.

Examiner

James A. Reagan

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 March 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Status of Claims

1. This action is in response to the amendment filed on 14 February 2006 and subsequent RCE filed on 10 March 2006.
2. Claims 1, 11, 21, and 27 have been amended.
3. Claims 1-34 are pending in the present application and have been examined.

RESPONSE TO ARGUMENTS

4. Applicant's arguments received on 14 February 2006 have been fully considered but they are not persuasive. Referring to the previous Office action, Examiner has cited relevant portions of the references as a means to illustrate the systems as taught by the prior art. As a means of providing further clarification as to what is taught by the references used in the first Office action, Examiner has expanded the teachings for comprehensibility while maintaining the same grounds of rejection of the claims, except as noted above in the section labeled "Status of Claims." This information is intended to assist in illuminating the teachings of the references while providing evidence that establishes further support for the rejections of the claims. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

Double Patenting

5. The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory obviousness-type double patenting rejection

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is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); and *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

6. A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on a nonstatutory double patenting ground provided the conflicting application or patent either is shown to be commonly owned with this application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement.
7. Effective January 1, 1994, a registered attorney or agent of record may sign a terminal disclaimer. A terminal disclaimer signed by the assignee must fully comply with 37 CFR 3.73(b).
8. Claims 1-34 are rejected on the ground of nonstatutory obviousness-type double patenting as being unpatentable over claims 1-23 of U.S. Patent No. 6,708,157 B2. Although the conflicting claims are not identical, they are not patentably distinct from each other because US 6,708,157 B2 to Stefik et al. does not disclose:
 - *said digital work is described by a description structure comprising a plurality of description blocks;*
 - *each of said description blocks comprises address information for at least one part of said digital work;*

- *each of said description blocks further comprises zero or more pointers to other description blocks; and*
- each of said description blocks further comprises a usage rights part for associating one or more of said associated usages rights;

Although US 6,708,157 B2 does disclose a system for controlling the distribution and use of digital works comprising a means for associating one or more usage rights with a digital work, said one or more usage rights specifying a manner of use indicating a particular manner of how said digital work may be used and at least one condition that must be satisfied in order to exercise the manner of use, US 6,708,157 B2 does not disclose the descriptor block limitations as shown above. Utilization of said descriptor block as claimed is an obvious modification because processing languages routinely use pointers to store addresses and to associate data stored in memory. In this case, each digital work is associated with a usage right description block by using pointers in memory.

Claim Rejections - 35 USC § 101

9. Claims 1-10 and 21-26 are rejected under 35 U.S.C. 101 because the claimed invention is directed to non-statutory subject matter. Computer programs claimed as computer listings per se, i.e., the descriptions or expressions of the programs, are not physical "things." They are neither computer components nor statutory processes, as they are not "acts" being performed. Such claimed computer programs do not define any structural and functional interrelationships between the computer program and other claimed elements of a computer, which permit the computer program's functionality to be realized. In contrast, a claimed computer-readable medium encoded with a computer program is a computer element which defines structural and functional interrelationships between the computer program and the rest of the computer which permit the computer program's functionality to be realized, and is thus statutory. Accordingly, it is

important to distinguish claims that define descriptive material per se from claims that define statutory inventions. Since a computer program is merely a set of instructions capable of being executed by a computer, the computer program itself is not a process and the Examiner therefore will treat a claim for a computer program, without the computer-readable medium needed to realize the computer program's functionality, as nonstatutory functional descriptive material.

NON-FUNCTIONAL DATA

10. Since the application currently before the Examiner is a utility patent, the claims must be directed to systems, methods, or articles of manufacture that have a clear utility. See MPEP 706.03(a). Over the years, numerous court decisions have analyzed the content of various claim language for meaningful, useful differences in structure or acts performed between the claims and the prior art. Some of these decisions have found that certain language adds little, if anything, to the claimed structure or acts and therefore do not serve as a limitation on the claims to distinguish over the prior art. Thus, the limitations on the claim can broadly be thought of then as its ability to make a meaningful contribution to the definition of the invention in a claim. In other words, language that is not functionally interrelated with the useful acts, structure, or properties of the claimed invention will not serve as a limitation. See *In re Gulack*, 217 USPQ 401 (CAFC 1983), *Ex parte Carver*, 227 USPQ 465 (BPAI 1985) and *In re Lowry*, 32 USPQ2d 1031 (CAFC 1994), where language provided certain limitations because of specific relationships required by the claims. In the computer arts we frequently examine claims that are directed to systems, methods, and articles (computer program products) that process data. In these specific cases, nonfunctional descriptive material is material that cannot exhibit any functional interrelationship with the way in which computing processes are performed.

As a result, when analyzing claim language for its limited effect, the Examiner will perform two basic steps:

- i) Review the claimed as a whole to see whether or not any descriptive material is being recited; and
- ii) If a descriptive material is found, determine how this descriptive material is being used in the claim as a whole.

In this case, the claim language contains nonfunctional data in the form of. This nonfunctional data is not processed by the computer, nor does it alter the process steps. It only means something to the human mind.

Although US 6,708,157 B2 does disclose a system for controlling the distribution and use of digital works comprising a means for associating one or more usage rights with a digital work, said one or more usage rights specifying a manner of use indicating a particular manner of how said digital work may be used and at least one condition that must be satisfied in order to exercise the manner of use, US 6,708,157 B2 does not disclose the descriptor block limitations and zero or more pointers as shown above. However, these differences are only found in the nonfunctional descriptive material and are not functionally involved in the steps recited. Therefore, it would have been obvious to one of ordinary skill in the art at the time of the invention to utilize processing languages and pointers for storing addresses and associating data stored in memory. In this case, each digital work is associated with a usage right description block by using pointers in memory.

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Any inquiry of a general nature or relating to the status of this application or concerning this communication or earlier communications from the Examiner should be directed to **James A. Reagan** whose telephone number is **571.272.6710**. The Examiner can normally be reached on Monday-Friday, 9:30am-5:00pm. If attempts to reach the examiner by telephone are unsuccessful, the Examiner's supervisor, **James Trammell** can be reached at **571.272.6712**.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://portal.uspto.gov/external/portal/pair> . Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at **866.217.9197** (toll-free).

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

571-273-8300 [Official communications, After Final communications labeled "Box AF"]

571-273-8300 [Informal/Draft communications, labeled "PROPOSED" or "DRAFT"]

Hand delivered responses should be brought to the **United States Patent and Trademark Office Customer Service Window**:

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JAMES A. REAGAN

Primary Examiner

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18 May 2006

A handwritten signature in black ink, appearing to read 'J. Reagan', with a long horizontal line extending to the right.

**JAMES A. REAGAN
PRIMARY EXAMINER**